

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061080.D
 Acq On : 02 Oct 2024 16:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005100

Quant Time: Oct 03 06:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	178685	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81150	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51982	4.069	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.910	69	41116	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	23604	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.631	46	155626	50.857	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.720%
24) Chloroform-d	5.055	84	107373	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	55888	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.717	84	203154	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	68868	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	185538	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	28824	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	129524	50.397	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53299	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	63083	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	51291	5.889	ug/L	99
3) Chloromethane	1.518	50	72671	5.778	ug/L	98
5) Vinyl chloride	1.602	62	75506	5.980	ug/L	97
6) Bromomethane	1.856	94	40571	6.024	ug/L	97
8) Chloroethane	1.930	64	46677	6.094	ug/L	98
9) Trichlorofluoromethane	2.136	101	99566	6.137	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64847	6.051	ug/L	95
12) 1,1-Dichloroethene	2.576	96	62795	6.086	ug/L	88
13) Acetone	2.650	43	116374	59.132	ug/L	96
14) Carbon disulfide	2.788	76	208611	5.949	ug/L	99
15) Methyl Acetate	2.955	43	28871	6.025	ug/L	99
16) Methylene chloride	3.039	84	74575	6.296	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	180399	6.110	ug/L #	96
18) trans-1,2-Dichloroethene	3.348	96	68477	6.054	ug/L	93
19) 1,1-Dichloroethane	3.859	63	134832	6.126	ug/L	98
21) 2-Butanone	4.708	43	201246	62.116	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	75902	6.025	ug/L	94
23) Bromochloromethane	4.965	128	31650	6.242	ug/L #	88
25) Chloroform	5.078	83	134592	6.104	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061080.D
 Acq On : 02 Oct 2024 16:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005100

Quant Time: Oct 03 06:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	87643	6.035	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	114786	5.915	ug/L	96
30) Cyclohexane	5.380	56	127431	5.894	ug/L	94
31) Carbon tetrachloride	5.515	117	98621	5.988	ug/L	100
33) Benzene	5.766	78	301689	6.102	ug/L	100
34) Trichloroethene	6.534	95	78957	5.891	ug/L	96
35) Methylcyclohexane	6.756	83	128291	5.928	ug/L	98
37) 1,2-Dichloropropane	6.782	63	79175	6.077	ug/L #	97
38) Bromodichloromethane	7.097	83	98801	6.066	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	123676	6.054	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	516715	61.919	ug/L	94
42) Toluene	7.962	91	318155	6.041	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	100395	5.943	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	51876	6.008	ug/L	99
47) Tetrachloroethene	8.547	164	53648	6.151	ug/L	96
48) 2-Hexanone	8.675	43	366346	63.320	ug/L	95
49) Dibromochloromethane	8.801	129	62741	6.245	ug/L	96
50) 1,2-Dibromoethane	8.917	107	50315	6.156	ug/L #	99
51) Chlorobenzene	9.438	112	196810	6.135	ug/L	94
52) Ethylbenzene	9.563	91	361306	6.053	ug/L	97
53) m,p-Xylene	9.685	106	130924	6.013	ug/L	92
54) o-Xylene	10.093	106	130874	6.110	ug/L	92
55) Styrene	10.106	104	213366	6.172	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	67081	6.182	ug/L	95
59) Bromoform	10.283	173	33379	5.993	ug/L #	99
60) Isopropylbenzene	10.476	105	325503	5.997	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	47532	5.962	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	285046	5.960	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	288044	5.966	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	145705	6.263	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	142422	6.193	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	130993	6.093	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	10575	6.082	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.212	180	98736	6.028	ug/L #	96
70) 1,2,4-trichlorobenzene	13.833	180	79105	6.302	ug/L	96
71) Naphthalene	14.080	128	128200	6.252	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	63360	6.066	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

